

Figure 1

Figure 3A

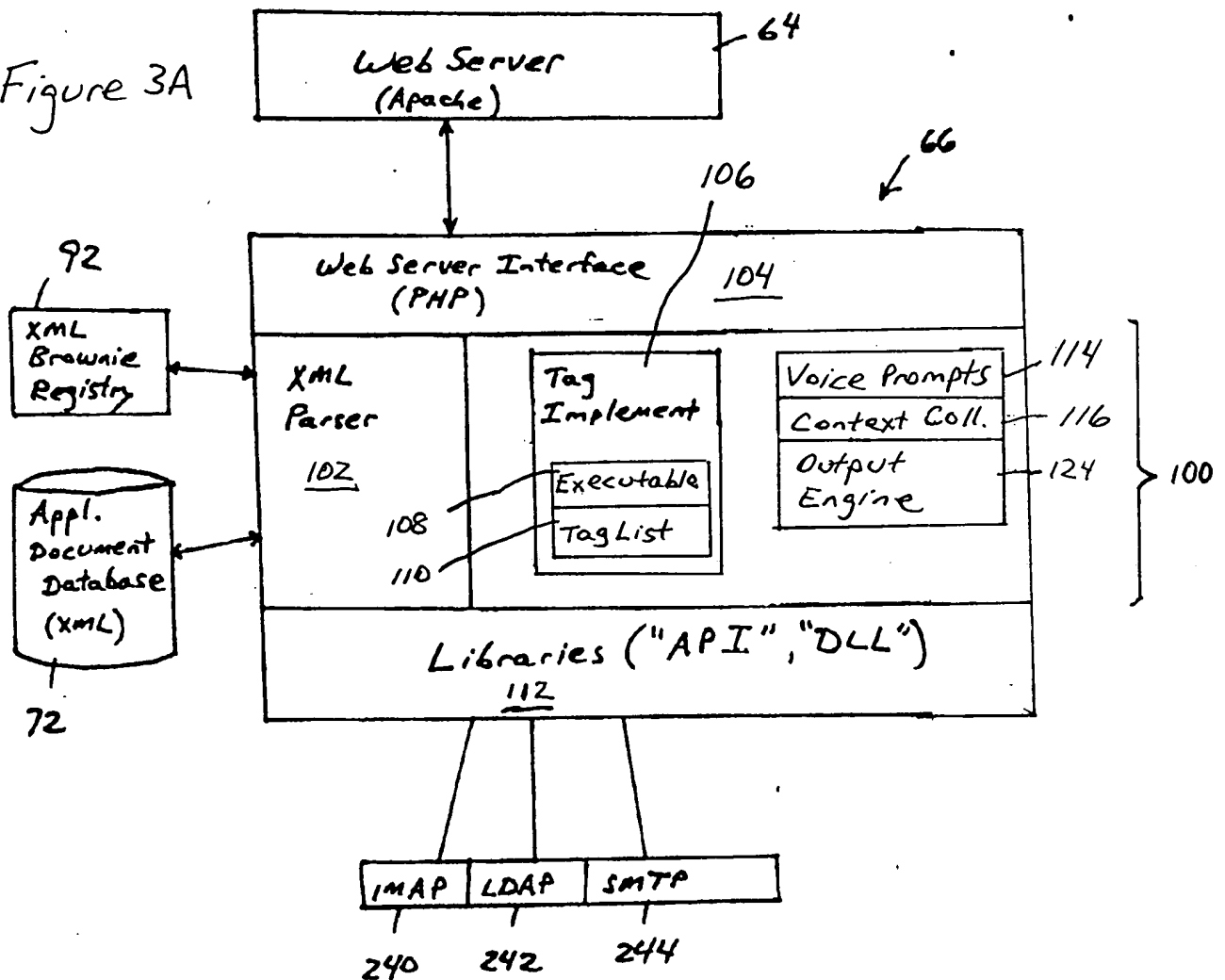
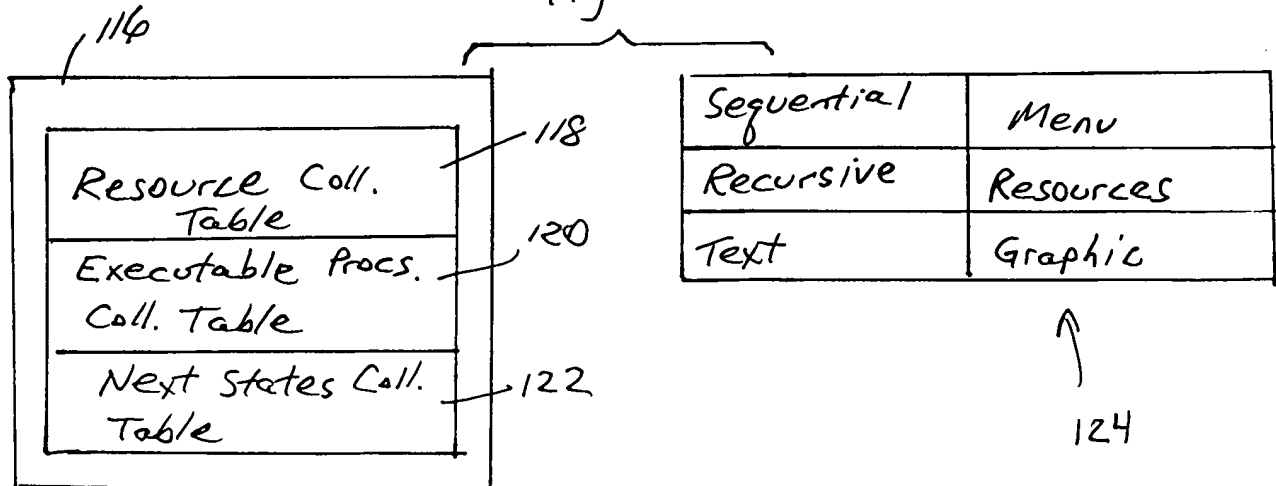


Figure 3B



```

Function MenuOne {
    SpeakPromptToUser ("To say 'Hello world!,' press one.  To say 'Goodbye world!,'
                        press zero.");
    UserInput = GetInputFromUser ("SingleDigit");
    If (UserInput == "0") {
        SpeakPromptToUser ("Goodbye World!");
        FunctionCall (MenuTwo);
    } else if (UserInput == "1") {
        SpeakPromptToUser ("Hello World!");
        FunctionCall (MenuTwo);
    } else {
        SpeakPromptToUser ("You have entered an incorrect number, press one to say
                            'Hello World!,' or press zero to say 'Goodbye World!'.");
        FunctionCall (MenuOne);
    }
}

Function MenuTwo {
    SpeakPromptToUser ("To try again, press one.  To exit the application press
                        two.");
    UserInput = GetInputFromUser ("SingleDigit");
    If (UserInput == "1") {
        FunctionCall (MenuOne);
    } else if (UserInput == "2") {
        EXIT APPLICATION!
    } else {
        SpeakPromptToUser ("You have entered an incorrect number, press one to try
                            again, or press two to exit the application");
        FunctionCall (MenuTwo);
    }
}

Function Main {
    FunctionCall (MenuOne);
}

```

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Figure 4

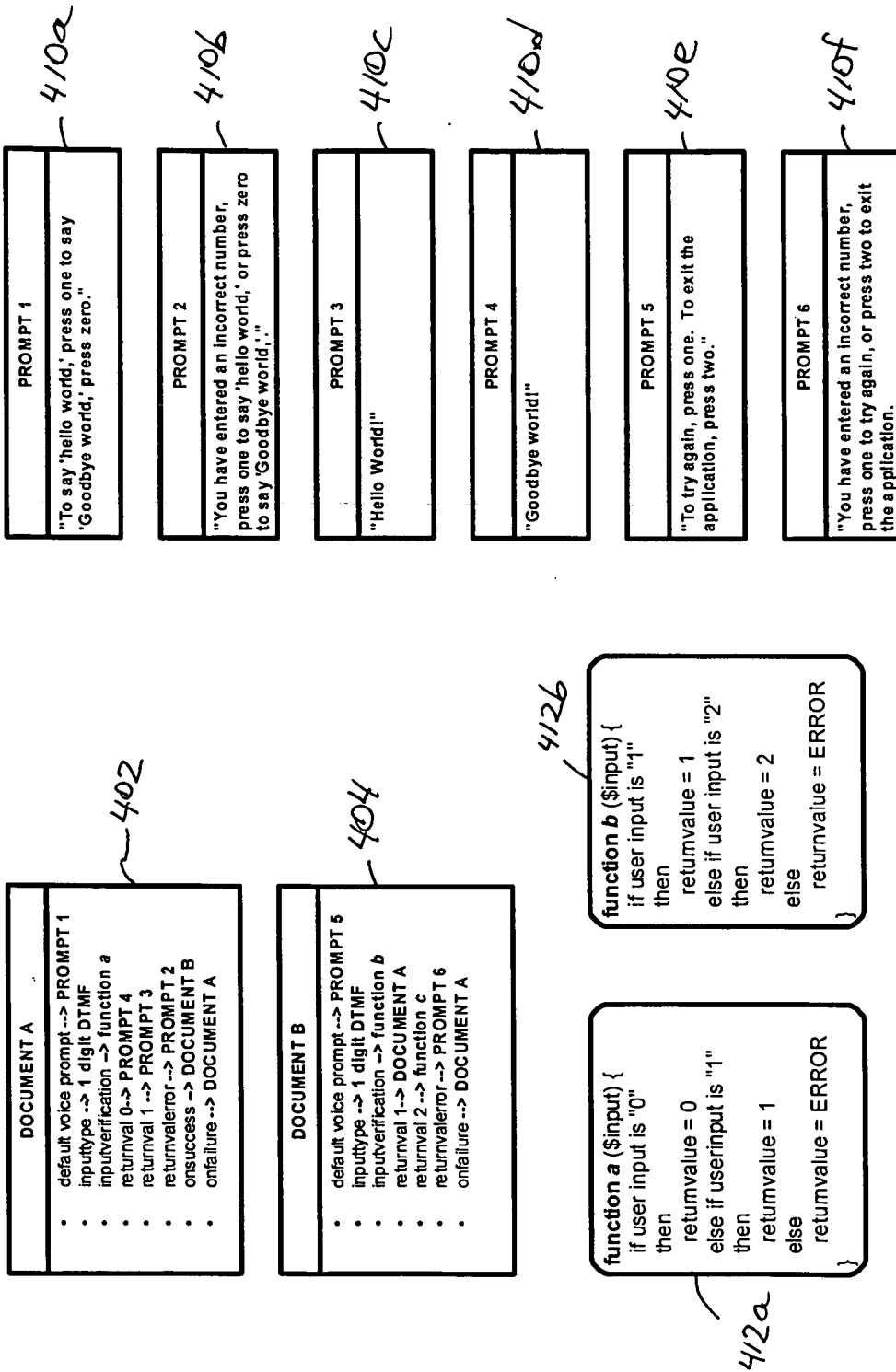


Figure 5

The flowchart illustrates a voice response system with two main documents, A and B, each containing a list of prompts and associated functions.

DOCUMENT A (402) contains the following prompts and functions:

- PROMPT 1 (410a):** "To say 'hello world,' press one to say 'Goodbye world,' press zero."
- PROMPT 2 (410b):** "You have entered an incorrect number, press one to say 'hello world,' or press zero to say 'Goodbye world,'."
- PROMPT 3 (410c):** "Hello World!"
- PROMPT 4 (410d):** "Goodbye world!"

FUNCTION a (\$input) (412a):

```

function a ($input) {
  if user input is "0"
  then
    returnvalue = 0
  else if userinput is "1"
  then
    returnvalue = 1
  else
    returnvalue = ERROR
}

```

DOCUMENT B (404) contains the following prompts and functions:

- PROMPT 5 (410e):** "To try again, press one. To exit the application, press two."
- PROMPT 6 (410f):** "You have entered an incorrect number, press one to try again, or press two to exit the application."

FUNCTION b (\$input) (412b):

```

function b ($input) {
  if user input is "1"
  then
    returnvalue = 1
  else if user input is "2"
  then
    returnvalue = 2
  else
    returnvalue = ERROR
}

```

FUNCTION c () (412c):

```

function c () {
  EXIT THE PROGRAM.
}

```

The flowchart shows the following connections:

- DOCUMENT A (402) is connected to PROMPT 1 (410a), PROMPT 2 (410b), PROMPT 3 (410c), and PROMPT 4 (410d).
- DOCUMENT B (404) is connected to PROMPT 5 (410e) and PROMPT 6 (410f).
- FUNCTION a (412a) is connected to DOCUMENT A (402).
- FUNCTION b (412b) is connected to DOCUMENT B (404).
- FUNCTION c (412c) is connected to DOCUMENT B (404).

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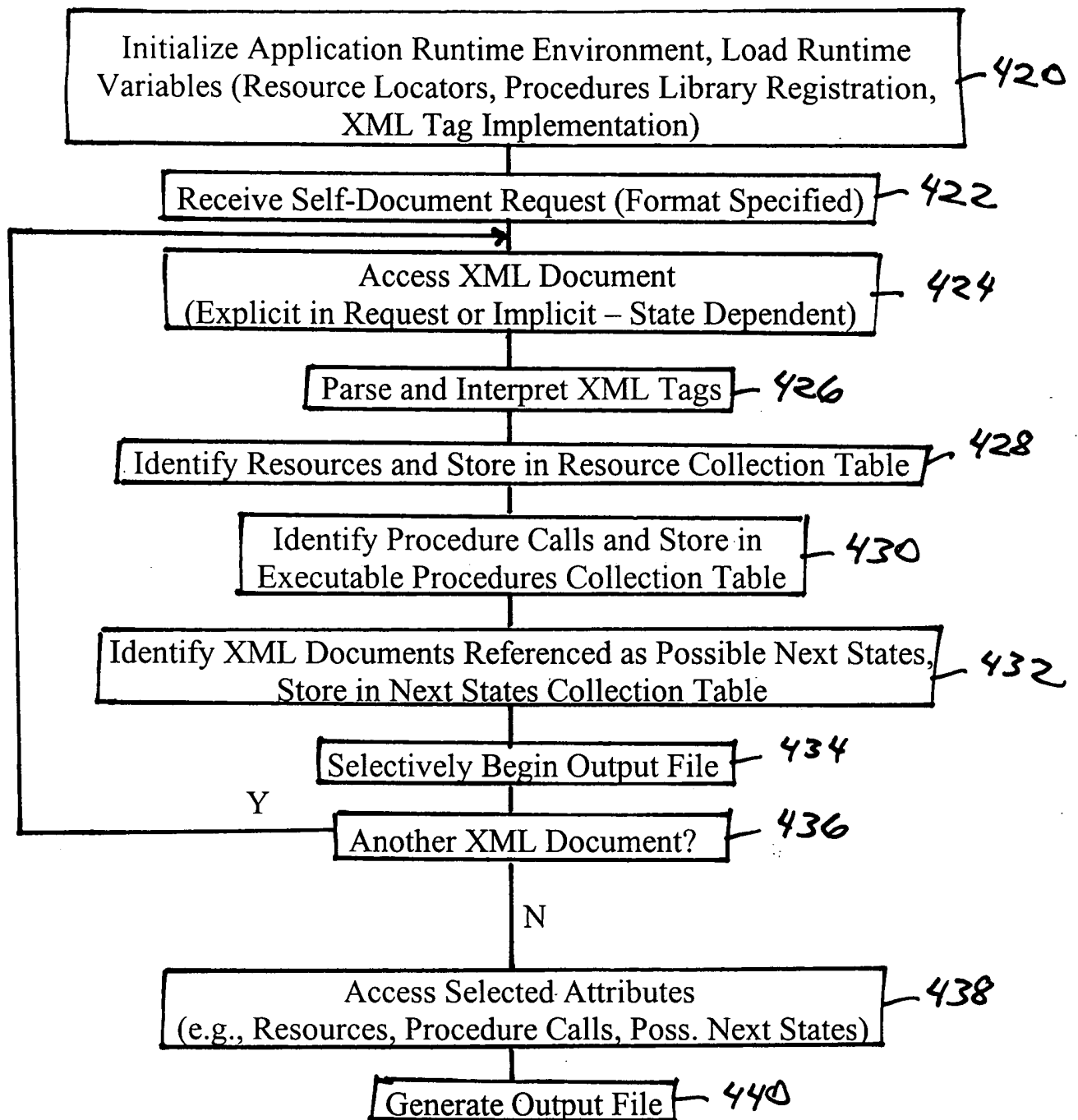


Figure 7